

# Bibliography

## 61-1 Chemical Identity

MRID	Citation Reference
43049301	Buchanan, R. (1993) Product Chemistry Data for MON-60696 Herbicide: Lab Project Number: 0480/93/01: MSL/12/922: MSL/12/802. Unpublished study prepared by Monsanto Co. Agricultural Group 74 p.
44615501	Buchanan, R. (1998) Product Chemistry Data to Support the Registration of MON 77063: Lab Project Number: MSL-15380: MSL-15379: PC63-98-1. Unpublished study prepared by Monsanto Company. 68 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800, 830.6302, 830.6303, 830.6304, 830.7200,830.7220, 830.7300, 830.7840, 830.7950, 830.7370, 830.7550, 830.7000, 830.6313, 830.6314, 830.6316}
44715401	Mierkowski, M. (1998) Product Chemistry Data to Support the Registration of MON 77945 Manufacturing-Use Product: Lab Project Number: PC63-97-9: M800009: MCR-ASC. Unpublished study prepared by Monsanto Company. 67 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6302, 830.6303, 830.6304, 830.7200, 830.7300, 830.7840, 830.7950, 830.7370, 830.7550, 830.7000, 830.6313, 830.6314, 830.6315, 830.6316, 830.7100}
45044401	Bellet, E. (1998) Product Chemistry, Manufacturing Process, Discussion of Impurities and Analytical Data for Phoss-8. Unpublished study prepared by Cedar Chemical Corp. 24 p.
45386801	Harwell, C.; Head, T. (2001) Product Chemistry Requirements for Nufarm Glyphosate Dual Salt Herbicide (NUP0532, 37.54% Glyphosate IPA 3.42% Glyphosate Monoammoniumsalt): Lab Project Number: 01-01A. Unpublished study prepared by Riverdale Chemical Co./Nufarm, Inc. 36 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750}
45434301	Mierkowski, M. (2001) Product Chemistry Data to Support the Registration of MON 78365 Herbicide: Lab Project Number: MSL-17177: PC-63-01-05-0: 3453/510494. Unpublished study prepared by Monsanto Company and Chermir/Polytech Laboratories, Inc. 81 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6302, 830.6303, 830.6304, 830.6313, 830.6314, 830.6316, 830.6320, 830.7000, 830.7200}
45615101	Miller, R. (2002) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities: Nufarm Credit Duo XL: Lab Project Number: CHB-RP-PVC-091-T-1. Unpublished study prepared by Phibro-Tech, Inc. 90 p. {OPPTS 830.1550, 860.1600, 830.1650, 830.1670}
45615102	Miller, R. (2002) Preliminary Analysis, Certified Limits and Enforcement Analytical Methods: Nufarm Credit Duo XL: Lab Project Number: CHB-RP-PCV-092-T-1: CHB-OP-MTH-096-P-3. Unpublished study prepared by Phibro-Tech, Inc. 23 p. {OPPTS 830.1700, 830.1750, 830.1800}
45773301	Mierkowski, M. (2002) Product Chemistry Data to Support the Registration of MON 78365 Herbicide--Amended Report: Lab Project Number: PC-63-01-05-0: 34543/510494: MSL-17760. Unpublished study prepared by Monsanto Company and Chemir/Polytech Laboratories, Inc. 81 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6302, 830.6303, 830.6304, 830.6314, 830.6316, 830.6317, 830.6320, 830.7000, 830.7200, 830.7300, 830.7370, 830.7550, 830.7840, 830.7950}

## 61-2 Description of Beginning Materials and Manufacturing Proces

MRID	Citation Reference
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43049301 Buchanan, R. (1993) Product Chemistry Data for MON-60696 Herbicide: Lab Project Number: 0480/93/01: MSL/12/922: MSL/12/802. Unpublished study prepared by Monsanto Co. Agricultural Group 74 p.

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44715401 Mierkowski, M. (1998) Product Chemistry Data to Support the Registration of MON 77945 Manufacturing-Use Product: Lab Project Number: PC63-97-9: M800009: MCR-ASC. Unpublished study prepared by Monsanto Company. 67 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6302, 830.6303, 830.6304, 830.7200, 830.7300, 830.7840, 830.7950, 830.7370, 830.7550, 830.7000, 830.6313, 830.6314, 830.6315, 830.6316, 830.7100}

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45615101 Miller, R. (2002) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities: Nufarm Credit Duo XL: Lab Project Number: CHB-RP-PVC-091-T-1. Unpublished study prepared by Phibro-Tech, Inc. 90 p. {OPPTS 830.1550, 860.1600, 830.1650, 830.1670}

45773301 Mierkowski, M. (2002) Product Chemistry Data to Support the Registration of MON 78365 Herbicide--Amended Report: Lab Project Number: PC-63-01-05-0: 34543/510494: MSL-17760. Unpublished study prepared by Monsanto Company and Chemir/Polytech Laboratories, Inc. 81 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6302, 830.6303, 830.6304, 830.6314, 830.6316, 830.6317, 830.6320, 830.7000, 830.7200, 830.7300, 830.7370, 830.7550, 830.7840, 830.7950}

61-3 Discussion of Formation of Impurities

MRID	Citation Reference
43049301	Buchanan, R. (1993) Product Chemistry Data for MON-60696 Herbicide: Lab Project Number: 0480/93/01: MSL/12/922: MSL/12/802. Unpublished study prepared by Monsanto Co. Agricultural Group 74 p.
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44715401	Mierkowski, M. (1998) Product Chemistry Data to Support the Registration of MON 77945 Manufacturing-Use Product: Lab Project Number: PC63-97-9: M800009: MCR-ASC. Unpublished study prepared by

Monsanto Company. 67 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6302, 830.6303, 830.6304, 830.7200, 830.7300, 830.7840, 830.7950, 830.7370, 830.7550, 830.7000, 830.6313, 830.6314, 830.6315, 830.6316, 830.7100}

44757801 Wratten, S. (1999) Identity of Inert Ingredients to Support the Registration of MON 77063: Lab Project Number: 1424A. Unpublished study prepared by Monsanto Co. 53 p.

45044401 Bellet, E. (1998) Product Chemistry, Manufacturing Process, Discussion of Impurities and Analytical Data for Phoss-8. Unpublished study prepared by Cedar Chemical Corp. 24 p.

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62-1 Preliminary Analysis

MRID	Citation Reference
43049301	Buchanan, R. (1993) Product Chemistry Data for MON-60696 Herbicide: Lab Project Number: 0480/93/01: MSL/12/922: MSL/12/802. Unpublished study prepared by Monsanto Co. Agricultural Group 74 p.
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62-2 Certification of limits

MRID	Citation Reference
43049301	Buchanan, R. (1993) Product Chemistry Data for MON-60696 Herbicide: Lab Project Number: 0480/93/01: MSL/12/922: MSL/12/802. Unpublished study prepared by Monsanto Co. Agricultural Group 74 p.
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62-3 Analytical Method

MRID	Citation Reference
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45832501 Miller, R. (2002) Physical and Chemical Characteristics of Nufarm NUC 2A01: Preliminary Report: Lab Project Number: CHB-EX-085: CHB-EX-085-006-P-3: CHB-EX-085-006-P-2. Unpublished study prepared by Phibro-Tech, Inc. 17 p. {OPPTS 830.1700, 830.6302, 830.6303, 830.6304, 830.6317, 830.6320, 830.7000, 830.7100, 830.7300}

63-0 Reports of Multiple phys/chem Characteristics

MRID	Citation Reference
40298601	Stover, F. (1987) Analysis: Electrolytic Conductance/Dissociation of NH4 Glyphosate [(Mono-ammonium Salt of Glyphosate)]: Labora- tory Project I.D.: 040006. Unpublished study prepared by Mon- santo Agricultural Co. 6 p.
43049301	Buchanan, R. (1993) Product Chemistry Data for MON-60696 Herbicide: Lab Project Number: 0480/93/01: MSL/12/922: MSL/12/802. Unpublished study prepared by Monsanto Co. Agricultural Group 74 p.
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45615103 Miller, R. (2002) Product Properties: Color, Physical State, Odor, Storage Stability, Corrosion Characteristics, pH, Viscosity, Density: Nufarm Credit Duo XL: Lab Project Number: CHB-RP-PCV-093-T-1: CHB-OP-MTH-004-P-4: CHB-OP-MTH-001-P-7. Unpublished study prepared by Phibro-Tech, Inc. 85 p.

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45832501 Miller, R. (2002) Physical and Chemical Characteristics of Nufarm NUC 2A01: Preliminary Report: Lab Project Number: CHB-EX-085: CHB-EX-085-006-P-3: CHB-EX-085-006-P-2. Unpublished study prepared by Phibro-Tech, Inc. 17 p. {OPPTS 830.1700, 830.6302, 830.6303, 830.6304, 830.6317, 830.6320, 830.7000, 830.7100, 830.7300}

63-17 Storage stability

MRID	Citation Reference
43029101	Buchanan, R. (1993) Product Chemistry Data for MON 8750 Herbicide. Storage Stability and Corrosion Characteristics: Lab Project Number: 0480/92/4/D: MSL/12744: MSL/8040. Unpublished study prepared by The Agricultural Group of Monsanto Co. 36 p.
43038101	Buchanan, R. (1993) Product Chemistry Data for MON 14420 Herbicide: Storage Stability and Corrosion Characteristics: Lab Project Number: 0480/92/5/D: MSL/12745: MSL/8061. Unpublished study prepared by Monsanto Agricultural Group. 36 p.
43443901	Buchanan, R. (1994) Product Chemistry Data for MON 60696 Herbicide: Storage Stability/Corrosion Characteristics: Addendum to MSL-12802: Lab Project Numbers: 0480-93-1-D: MSL-12803. Unpublished study prepared by Agricultural Group of Monsanto Co. 39 p.
44885501	Buchanan, R. (1999) Product Chemistry Data for MON-77063 Herbicide Storage Stability/Corrosion Characteristics for MON-77063: Lab Project Number: PC63-98-1-D: MSL-15381: 1486. Unpublished study prepared by Monsanto Company. 26 p. {OPPTS 830.6317, 830.6320}
45214501	Mierkowski, M. (2000) Product Chemistry Data for MON 77945 Manufacturing-Use Product Storage Stability and Corrosion Characteristics: Lab Project Number: PC-63-97-7-D: MSL-16549. Unpublished study prepared by Monsanto Company. 37 p. {OPPTS 830.6317, 830.6320}
45214502	Mierkowski, M. (2000) Product Chemistry Data for MON 77859 Herbicide Storage Stability and Corrosion Characteristics: Lab Project Number: PC-63-97-6-D: MSL-16545. Unpublished study prepared by Monsanto Company. 38 p. {OPPTS 830.6317, 830.6320}
45595701	Sinning, D. (2001) Physical and Chemical Characteristics of RUP0532 Herbicide: Storage Stability: Final Report: Lab Project Number: 2460-03. Unpublished study prepared by Case Consulting Laboratories, Inc. 11 p. {OPPTS 830.6317}

45615103 Miller, R. (2002) Product Properties: Color, Physical State, Odor, Storage Stability, Corrosion Characteristics, pH, Viscosity, Density: Nufarm Credit Duo XL: Lab Project Number: CHB-RP-PCV-093-T-1: CHB-OP-MTH-004-P-4: CHB-OP-MTH-001-P-7. Unpublished study prepared by Phibro-Tech, Inc. 85 p.

45773301 Mierkowski, M. (2002) Product Chemistry Data to Support the Registration of MON 78365 Herbicide-- Amended Report: Lab Project Number: PC-63-01-05-0: 34543/510494: MSL-17760. Unpublished study prepared by Monsanto Company and Chemir/Polytech Laboratories, Inc. 81 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6302, 830.6303, 830.6304, 830.6314, 830.6316, 830.6317, 830.6320, 830.7000, 830.7200, 830.7300, 830.7370, 830.7550, 830.7840, 830.7950}

45799901 Mierkowski, M. (2002) Storage Stability/Corrosion Study for MON-78365 Herbicide Formulation: Lab Project Number: PC-63-01-05-D: MSL-17980: 1597. Unpublished study prepared by Monsanto Company. 51 p. {OPPTS 830.6317, 830.6320}

45832501 Miller, R. (2002) Physical and Chemical Characteristics of Nufarm NUC 2A01: Preliminary Report: Lab Project Number: CHB-EX-085: CHB-EX-085-006-P-3: CHB-EX-085-006-P-2. Unpublished study prepared by Phibro-Tech, Inc. 17 p. {OPPTS 830.1700, 830.6302, 830.6303, 830.6304, 830.6317, 830.6320, 830.7000, 830.7100, 830.7300}

63-20 Corrosion characteristics

MRID	Citation Reference
43029101	Buchanan, R. (1993) Product Chemistry Data for MON 8750 Herbicide. Storage Stability and Corrosion Characteristics: Lab Project Number: 0480/92/4/D: MSL/12744: MSL/8040. Unpublished study prepared by The Agricultural Group of Monsanto Co. 36 p.
43038101	Buchanan, R. (1993) Product Chemistry Data for MON 14420 Herbicide: Storage Stability and Corrosion Characteristics: Lab Project Number: 0480/92/5/D: MSL/12745: MSL/8061. Unpublished study prepared by Monsanto Agricultural Group. 36 p.
43443901	Buchanan, R. (1994) Product Chemistry Data for MON 60696 Herbicide: Storage Stability/Corrosion Characteristics: Addendum to MSL-12802: Lab Project Numbers: 0480-93-1-D: MSL-12803. Unpublished study prepared by Agricultural Group of Monsanto Co. 39 p.
44885501	Buchanan, R. (1999) Product Chemistry Data for MON-77063 Herbicide Storage Stability/Corrosion Characteristics for MON-77063: Lab Project Number: PC63-98-1-D: MSL-15381: 1486. Unpublished study prepared by Monsanto Company. 26 p. {OPPTS 830.6317, 830.6320}
45214501	Mierkowski, M. (2000) Product Chemistry Data for MON 77945 Manufacturing-Use Product Storage Stability and Corrosion Characteristics: Lab Project Number: PC-63-97-7-D: MSL-16549. Unpublished study prepared by Monsanto Company. 37 p. {OPPTS 830.6317, 830.6320}
45214502	Mierkowski, M. (2000) Product Chemistry Data for MON 77859 Herbicide Storage Stability and Corrosion Characteristics: Lab Project Number: PC-63-97-6-D: MSL-16545. Unpublished study prepared by Monsanto Company. 38 p. {OPPTS 830.6317, 830.6320}
45799901	Mierkowski, M. (2002) Storage Stability/Corrosion Study for MON-78365 Herbicide Formulation: Lab Project Number: PC-63-01-05-D: MSL-17980: 1597. Unpublished study prepared by Monsanto Company. 51 p. {OPPTS 830.6317, 830.6320}

71-1 Avian Single Dose Oral Toxicity

MRID	Citation Reference
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45777402 Gallagher, S.; Grimes, J.; Beavers, J. (1999) MON 14420: An Acute Oral Toxicity Study with the Northern Bobwhite: Lab Project Number: 139-439: WL-98-274: R.D. 1594. Unpublished study prepared by Wildlife International Ltd. 44 p.

72-1 Acute Toxicity to Freshwater Fish

MRID	Citation Reference
44715409	Drottar, K.; Krueger, H. (1998) MON 77945: A 96-Hour Static Acute Toxicity Test With the Rainbow Trout ( <i>Oncorhynchus mykiss</i> ): Final Report: Lab Project Number: 139A-222: WL-98-087. Unpublished study prepared by Wildlife International Ltd. 42 p.
45767101	Jenkins, C. (2002) MON 78568 Acute Toxicity to Fish: Lab Project Number: HR-2001-131: RD 1591: EVA013/014241. Unpublished study prepared by Huntingdon Life Sciences Ltd. 37 p. {OPPTS 850.1075}

72-2 Acute Toxicity to Freshwater Invertebrates

MRID	Citation Reference
44715410	Drottar, K.; Krueger, H. (1998) MON 77945: A 48-Hour Static Acute Toxicity Test With the Cladoceran ( <i>Daphnia magna</i> ): Final Report: Lab Project Number: 139A-221: WL-98-086. Unpublished study prepared by Wildlife International Ltd. 42 p.
45777401	Palmer, S.; Krueger, H. (1999) MON 14420: A 48-Hour Static Acute Toxicity Test with the Cladoceran ( <i>Daphnia magna</i> ): Final Report: Lab Project Number: R.D. 1594: 139A-229: WL-98-273. Unpublished study prepared by Wildlife International Ltd. 45 p.

81-1 Acute oral toxicity in rats

MRID	Citation Reference
43049302	Bonnette, K. (1993) Acute Oral Toxicity Study in Rats with MON 60696 Herbicide: Final Report: Lab Project Number: 3044/437: SB/93/131: 1195. Unpublished study prepared by Springborn Labs., Inc. 21 p.
44615502	Bonnette, K. (1998) An Acute Oral Toxicity Study in Rats with MON 77063: Final Report: Lab Project Number: 3044.677: SB-98-023: R.D. NO.1424. Unpublished study prepared by Springborn Laboratories, Inc. 59 p.
44715402	Blaszczak, D. (1998) MON 77945: Acute Oral Toxicity in Rats: Lab Project Number: 97-1725: HU-97-239. Unpublished study prepared by Huntingdon Life Sciences. 22 p.
45044402	Mallory, V. (2000) Acute Oral Exposure Toxicity Study in Rats (Phoss-8): Final Report: Lab Project Number: 0402XC01.001. Unpublished study prepared by Preclinical Services Corp. 24 p.
45386802	Moore, G. (2000) Acute Oral Toxicity Study in Rats--Limit Test: Nufarm RUP0532 Herbicide: Lab Project Number: 9727: P320. Unpublished study prepared by Product Safety Labs. 14 p. {OPPTS 870.1100}
45434302	Bonnette, K. (2001) An Acute Oral Toxicity Study in Rats with MON 78365: Final Report: Lab Project Number: 3044.816: SB-2000-265. Unpublished study prepared by Springborn Laboratories, Inc. 79 p.



45615104 Merkel, D. (2002) Acute Oral Toxicity Study in Rat--Limit Test: Dual Salt Fully Loaded: Lab Project Number: 11393. Unpublished study prepared by Product Safety Labs. 14 p. {OPPTS 870.1100}

81-2 Acute dermal toxicity in rabbits or rats

MRID	Citation Reference
43049303	Bonnette, K. (1993) Acute Dermal Toxicity Study in Rats with MON 60696 Herbicide: Final Report: Lab Project Number: 3044. 438: SB/93/132: 1195. Unpublished study prepared by Springborn Labs., Inc. 19 p.
44615503	Bonnette, K. (1998) An Acute Dermal Toxicity Study in Rats with MON 77063: Final Report: Lab Project Number: 3044.678: SB-98-024: R.D. NO.1424. Unpublished study prepared by Springborn Laboratories, Inc. 28 p.
44715403	Blaszczak, D. (1998) MON 77945: Acute Dermal Toxicity in Rats: Lab Project Number: 97-1726: HU-97-241. Unpublished study prepared by Huntingdon Life Sciences. 22 p.
45044403	Mallory, V. (2000) Acute Exposure Dermal Toxicity in Rabbits (Phoss-8): Final Report: Lab Project Number: 0422XC01.001. Unpublished study prepared by Chrysalis Preclinical Services Corp. 26 p.
45044406	Mallory, V. (2000) Primary Dermal Irritation (in Rabbits): Phoss-8: Final Report: Lab Project Number: 0420XC01.001. Unpublished study prepared by Chrysalis Preclinical Services Corp. 24 p.
45386803	Moore, G. (2000) Acute Dermal Toxicity Study in Rats--Limit Test: Nufarm RUP0532 Herbicide: Lab Project Number: 9728. Unpublished study prepared by Product Safety Labs. 14 p. {OPPTS 870.1200}
45434303	Bonnette, K. (2001) An Acute Dermal Toxicity Study in Rats with MON 78365: Final Report: Lab Project Number: 3044.817: SB-2000-266. Unpublished study prepared by Springborn Laboratories, Inc. 29 p.
45615105	Merkel, D. (2002) Acute Dermal Toxicity Study in Rat--Limit Test: Dual Salt Fully Loaded: Lab Project Number: 11394. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.1200}

81-3 Acute inhalation toxicity in rats

MRID	Citation Reference
43444001	Kaempfe, T. (1994) Acute Inhalation Study of MON 60696 Water Dilution (in Rats): Lab Project Numbers: EHL 94066: ML-94-133: MSL-13794. Unpublished study prepared by Monsanto Company. 61 p.
43444002	Buchanan, R. (1994) Solubility Study for MON 60696 Herbicide: Lab Project Numbers: 0480-93-1-I: MSL-13,549: R.D. NO. 1246. Unpublished study prepared by Agricultural Group of Monsanto Co. 39 p.
44615504	Dudek, R.; Cortner, D. (1998) Acute Inhalation Study of MON 77063 (in Rats): Lab Project Number: EHL 98007: ML-98-006: MSL-15390. Unpublished study prepared by Monsanto Company. 55 p.
44715404	Bechtel, C. (1998) Acute Inhalation Study of MON 77945 (in Rats): Lab Project Number: EHL 97180: ML-97-237: MSL-15350. Unpublished study prepared by Monsanto Company. 37 p.
45044404	Bonnette, K. (2000) An Acute Nose-Only Inhalation Toxicity Study in Rats with Phoss-8: Final Report: Lab Project Number: 3499.1. Unpublished study prepared by Springborn Labs., Inc. 50 p. {OPPTS 870.1300}
45386804	Moore, G. (2000) Acute Inhalation Toxicity Study in Rats--Limit Test: Nufarm RUP0532 Herbicide: Lab Project Number: 9729: P330. Unpublished study prepared by Product Safety Labs. 23 p. {OPPTS 870.1300}
45434304	Bonnette, K. (2001) An Acute Nose-Only Inhalation Toxicity Study in Rats with MON 78365: Final Report: Lab Project Number: 3044.818: SB-2000-267. Unpublished study prepared by Springborn Laboratories, Inc.

96 p.

45615106 Merkel, D. (2002) Acute Inhalation Toxicity Study in Rat--Limit Test: Dual Salt Fully Loaded: Lab Project Number: 11395. Unpublished study prepared by Product Safety Labs. 22 p. {OPPTS 870.1300}

81-4 Primary eye irritation in rabbits

MRID	Citation Reference
43049305	Bonnette, K. (1993) Primary Eye Irritation Study in Rabbits with MON 60696: Final Report: Lab Project Number: 3044/285: SB/92/78: 1195. Unpublished study prepared by Springborn Labs, Inc. 16 p.
43727801	Bonnette, K. (1995) A Primary Eye Irritation Study in Rabbits with MON 60696: Final Report: Lab Project Number: SB-95-064: 3044.528: R.D. 1317. Unpublished study prepared by Springborn Labs, Inc. 25 p.
44615505	Blaszczak, D. (1998) Primary Eye Irritation Study in Rabbits with MON 77063: Final Report: Lab Project Number: 93-0905: BD-93-367: R.D. NO. 1424. Unpublished study prepared by Huntingdon Life Sciences. 22 p.
44715405	Blaszczak, D. (1998) MON 77945: Primary Eye Irritation Study in Rabbits: Lab Project Number: 97-1728: HU-97-242: 1406. Unpublished study prepared by Huntingdon Life Sciences. 28 p.
45044405	Mallory, V. (2000) Primary Eye Irritation (in Rabbits): Phoss-8: Final Report: Lab Project Number: 0421XC01.001. Unpublished study prepared by Chrysalis Preclinical Services Corp. 27 p.
45386807	Moore, G. (2000) Primary Eye Irritation Study in Rabbits: NUL 0532 Glyphosate 360: Lab Project Number: 9544: P324. Unpublished study prepared by Product Safety Labs. 16 p. {OPPTS 870.2400}
45434305	Bonnette, K. (2001) A Primary Eye Irritation Study in Rabbits with MON 78365: Final Study: Lab Project Number: 3044.819: SB-2000-268. Unpublished study prepared by Springborn Laboratories, Inc. 26 p.
45615109	Moore, G. (2001) Primary Eye Irritation Study in Rabbits: NH 7820-69C: Lab Project Number: 11013. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.2400}

81-5 Primary dermal irritation

MRID	Citation Reference
43049306	Bonnette, K. (1993) Primary Skin Irritation Study in Rabbits with MON 60696: Final Report: Lab Project Number: 3044/439: SB/93/133: 1195. Unpublished study prepared by Springborn Labs, Inc. 15 p.
43727802	Bonnette, K. (1995) A Primary Skin Irritation Study in Rabbits with MON 60696: Final Report: Lab Project Number: SB-95-065: 3044.529: R.D. 1317. Unpublished study prepared by Springborn Labs, Inc. 23 p.
44615506	Bonnette, K. (1998) A Primary Skin Irritation Study in Rabbits with MON 77063: Final Report: Lab Project Number: 3044.679: SB-98-025: R.D.NO.1424. Unpublished study prepared by Springborn Laboratories, Inc. 27 p.
44715406	Blaszczak, D. (1998) MON 77945: Primary Dermal Irritation Study in Rabbits: Lab Project Number: 97-1727: HU-97-243. Unpublished study prepared by Huntingdon Life Sciences. 22 p.
45386805	Moore, G. (2000) Primary Skin Irritation Study in Rabbits: Nufarm RUP0532 Herbicide: Lab Project Number: 9730: P326. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.2500}
45434306	Bonnette, K. (2001) A Primary Skin Irritation Study in Rabbits with MON 78365: Final Study: Lab Project Number: 3044.820: SB-2000-269. Unpublished study prepared by Springborn Laboratories, Inc. 26 p.

45615107 Merkel, D. (2002) Primary Skin Irritation Study in Rabbits: Dual Salt Fully Loaded: Lab Project Number: 11396. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.2500}

81-6      **Dermal sensitization**

MRID	Citation Reference
43049307	Bonnette, K. (1993) Dermal Sensitization Study in Guinea Pigs with MON 60696 (Modified Buehler Design): Final Report: Lab Project Number: 3044/440: SB/93/134: 1195. Unpublished study prepared by Springborn Labs, Inc. 22 p.
44615507	Bonnette, K. (1998) A Dermal Sensitization Study in Guinea Pigs with MON 77063: Modified Buehler Design: Final Report: Lab Project Number: 3044.680: SB-98-026: R.D.NO.1424. Unpublished study prepared by Springborn Laboratories, Inc. 46 p.
44715407	Blaszczak, D. (1998) MON 77945: Closed-Patch Repeated Insult Dermal Sensitization Study in Guinea Pigs (Buehler Method): Lab Project Number: 97-1729: HU-97-244. Unpublished study prepared by Huntingdon Life Sciences. 27 p.
45044407	Mallory, V. (2000) Delayed Contact Hypersensitivity in Guinea Pigs (Buehler Method): Phoss-8: Final Report: Lab Project Number: 0424XC01.001. Unpublished study prepared by Chrysalis Preclinical Services Corp. 33 p.
45386806	Moore, G. (2000) Dermal Sensitization Study in Guinea Pigs (Buehler Method): Nufarm RUP0532 Herbicide: Lab Project Number: 9731: P328. Unpublished study prepared by Product Safety Labs. 24 p. {OPPTS 870.2600}
45434307	Bonnette, K. (2001) A Dermal Sensitization Study in Guinea Pigs with MON 78365: Modified Buehler Design: Final Report: Lab Project Number: 3044.821: SB-2000-270. Unpublished study prepared by Springborn Laboratories, Inc. 42 p.
45615108	Merkel, D. (2002) Dermal Sensitization Study in Guinea Pigs (Buehler Method): Dual Salt Fully Loaded: Lab Project Number: 11397. Unpublished study prepared by Product Safety Labs. 24 p. {OPPTS 870.2600}

122-2      **Aquatic plant growth**

MRID	Citation Reference
45767102	Jenkins, C. (2002) MON 78568 Algal Growth Inhibition Assay: Lab Project Number: HR-2001-132: RD 1591: EVA014/014242. Unpublished study prepared by Huntingdon Life Sciences Ltd. 35 p. {OPPTS 850.5400}
45777403	Palmer, S.; Krueger, H. (1999) MON 14420: A 96-Hour Toxicity Test with the Freshwater Alga (Selenastrum capricornutum): Final Report: Lab Project Number: 139A-231: WL-98-275: R.D. 1594. Unpublished study prepared by Wildlife International Ltd. 55 p. {OPPTS 850.5400}

141-1      **Honey bee acute contact**

MRID	Citation Reference
45767104	Schmitzer, S. (2001) Laboratory Testing for Toxicity (Acute Contact and Oral) of MON 78568 on Honey

Bees (*Apis mellifera* L.): Lab Project Number: IO-2001-134: RD 1591: 11981036. Unpublished study prepared by Institut fur Biologische Analytik. 27 p. {OPPTS 850.3020 & 850.3030}

**141-2 Honey bee residue on foliage**

MRID	Citation Reference
45767104	Schmitzer, S. (2001) Laboratory Testing for Toxicity (Acute Contact and Oral) of MON 78568 on Honey Bees ( <i>Apis mellifera</i> L.): Lab Project Number: IO-2001-134: RD 1591: 11981036. Unpublished study prepared by Institut fur Biologische Analytik. 27 p. {OPPTS 850.3020 & 850.3030}

**143-1 Toxicity to Predator and Parasite Insects**

MRID	Citation Reference
45767105	Taruza, S. (2002) A Rate-Response Laboratory Test to Determine the Effects of MON 78568 (64.9% w/w Glyphosate Acid Equivalents) on the Predatory Mite <i>Typhlodromus pyri</i> (Acari, Phytoseiidae): Lab Project Number: MT-2001-135: RD 1591: MON-01-13. Unpublished study prepared by Mambo-Tox Ltd. 28 p.
45767106	Taruza, S. (2002) An Extended Laboratory Test to Determine the Effects of MON 78568 (64.9% w/w Glyphosate Acid Equivalents) on the Predatory Mite <i>Typhlodromus pyri</i> : Lab Project Number: MT-2001-184: RD 1591: MON-01-15. Unpublished study prepared by Mambo-Tox Ltd. 26 p.
45767107	Vinall, S. (2002) A Rate-Response Laboratory Test to Determine the Effects of MON 78568 (64.9% w/w Glyphosate Acid Equivalents) on the Parasitoid <i>Aphidius rhopalosiphi</i> : Lab Project Number: MT-2001-136: RD 1591. Unpublished study prepared by Mambo-Tox Ltd. 27 p.
45767108	Vinall, S. (2002) An Extended Laboratory Test to Determine the Effects of MON 78568 (64.9% w/w Glyphosate Acid Equivalents) on the Parasitoid, <i>Aphidius rhopalosiphi</i> : Lab Project Number: MT-2001-185: RD 1591: MON-01-14. Unpublished study prepared by Mambo-Tox Ltd. 25 p.
45767110	Manley, B. (2002) A Laboratory Test to Determine the Effects of MON 78568 (64.9% w/w Glyphosate Acid Equivalents) on the Lacewing, <i>Chrysoperla carnea</i> : Lab Project Number: MT-2001-186: RD 1591: MON-01-16. Unpublished study prepared by Mambo-Tox Ltd. 29 p.

**161-1 Hydrolysis**

MRID	Citation Reference
44715408	Hathcock, T. (1998) Hydrolysis of an Amine Salt of (carbon 14) Glyphosate at pH 5, 7, and 9: Lab Project Number: 756W-1: 756W. Unpublished study prepared by PTRL West, Inc. 102 p.

**830.1550 Product Identity and composition**

MRID	Citation Reference
46724201	Fickle, J. (2005) NUP 10B 04 - Product Chemistry Volume II: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of the Formulation Process, and

Discussion of Formation of Impurities. Project Number: RTP/05/017/REG. Unpublished study prepared by Nufarm Americas, Inc. 69 p.

47583801 Pace, S.; Volgas, G.; Hayes, A. (2007) Product Analysis Data According to the OPPTS Test Guidelines, Series 830, as Established in 40 CFR, Part 158, for End Use Product: HM-0548. Project Number: HM/0548, S00013268. Unpublished study prepared by Helena Chemical Co. 37 p.

48012501 Brookman, D. (2010) ECOPLUG: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.

48165001 Brookman, D. (2010) EcoPlug: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.

48441101 Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.

48771201 Tillman, A. (2011) Product Identity and Composition, Description of Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 77.7 WDG. Project Number: GS/201101. Unpublished study prepared by Glysortia, LLC. 50p.

48771301 Tillman, A. (2011) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 88.8 WDG. Project Number: GS/201102. Unpublished study prepared by Glysortia, LLC. 45p.

49173901 Velea, L.; Reynolds, M. (2013) GlySupreme 75-WDG - Chemistry Data/Product Identity, Composition, and Analysis - Group A. Project Number: MEY/20130926/1. Unpublished study prepared by Technology Sciences Group, Inc. 70p.

49177901 Miller, J. (2013) Sunphosate 75SG: Product Identity and Composition. Project Number: CMX/SUN75/830. Unpublished study prepared by Biologic, Inc. 53p.

49277901 Haage, G. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 33% AM Plus. Unpublished study prepared by Glysortia, LLC. 45p.

830.1600      **Description of materials used to produce the product**

MRID	Citation Reference
46724201	Fickle, J. (2005) NUP 10B 04 - Product Chemistry Volume II: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of the Formulation Process, and Discussion of Formation of Impurities. Project Number: RTP/05/017/REG. Unpublished study prepared by Nufarm Americas, Inc. 69 p.
47583801	Pace, S.; Volgas, G.; Hayes, A. (2007) Product Analysis Data According to the OPPTS Test Guidelines, Series 830, as Established in 40 CFR, Part 158, for End Use Product: HM-0548. Project Number: HM/0548, S00013268. Unpublished study prepared by Helena Chemical Co. 37 p.
48012501	Brookman, D. (2010) ECOPLUG: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.
48165001	Brookman, D. (2010) EcoPlug: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary



of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.

48771201 Tillman, A. (2011) Product Identity and Composition, Description of Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 77.7 WDG. Project Number: GS/201101. Unpublished study prepared by Glysortia, LLC. 50p.

48771301 Tillman, A. (2011) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 88.8 WDG. Project Number: GS/201102. Unpublished study prepared by Glysortia, LLC. 45p.

49177901 Miller, J. (2013) Sunphosate 75SG: Product Identity and Composition. Project Number: CMX/SUN75/830. Unpublished study prepared by Biologic, Inc. 53p.

49277901 Haage, G. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 33% AM Plus. Unpublished study prepared by Glysortia, LLC. 45p.

**830.1620      Description of production process**

MRID	Citation Reference
48012501	Brookman, D. (2010) ECOPLUG: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.
48165001	Brookman, D. (2010) EcoPlug: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.

**830.1650      Description of formulation process**

MRID	Citation Reference
46724201	Fickle, J. (2005) NUP 10B 04 - Product Chemistry Volume II: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of the Formulation Process, and Discussion of Formation of Impurities. Project Number: RTP/05/017/REG. Unpublished study prepared by Nufarm Americas, Inc. 69 p.
47583801	Pace, S.; Volgas, G.; Hayes, A. (2007) Product Analysis Data According to the OPPTS Test Guidelines, Series 830, as Established in 40 CFR, Part 158, for End Use Product: HM-0548. Project Number: HM/0548, S00013268. Unpublished study prepared by Helena Chemical Co. 37 p.
48012501	Brookman, D. (2010) ECOPLUG: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.
48165001	Brookman, D. (2010) EcoPlug: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48771201	Tillman, A. (2011) Product Identity and Composition, Description of Materials Used, Description of the

Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 77.7 WDG. Project Number: GS/201101. Unpublished study prepared by Glysortia, LLC. 50p.

48771301 Tillman, A. (2011) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 88.8 WDG. Project Number: GS/201102. Unpublished study prepared by Glysortia, LLC. 45p.

49177901 Miller, J. (2013) Sunphosate 75SG: Product Identity and Composition. Project Number: CMX/SUN75/830. Unpublished study prepared by Biologic, Inc. 53p.

49277901 Haage, G. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 33% AM Plus. Unpublished study prepared by Glysortia, LLC. 45p.

830.1670      Discussion of formation of impurities

MRID	Citation Reference
46724201	Fickle, J. (2005) NUP 10B 04 - Product Chemistry Volume II: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of the Formulation Process, and Discussion of Formation of Impurities. Project Number: RTP/05/017/REG. Unpublished study prepared by Nufarm Americas, Inc. 69 p.
47583801	Pace, S.; Volgas, G.; Hayes, A. (2007) Product Analysis Data According to the OPPTS Test Guidelines, Series 830, as Established in 40 CFR, Part 158, for End Use Product: HM-0548. Project Number: HM/0548, S00013268. Unpublished study prepared by Helena Chemical Co. 37 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48771201	Tillman, A. (2011) Product Identity and Composition, Description of Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 77.7 WDG. Project Number: GS/201101. Unpublished study prepared by Glysortia, LLC. 50p.
48771301	Tillman, A. (2011) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 88.8 WDG. Project Number: GS/201102. Unpublished study prepared by Glysortia, LLC. 45p.
49177901	Miller, J. (2013) Sunphosate 75SG: Product Identity and Composition. Project Number: CMX/SUN75/830. Unpublished study prepared by Biologic, Inc. 53p.
49277901	Haage, G. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 33% AM Plus. Unpublished study prepared by Glysortia, LLC. 45p.

830.1750      Certified limits

MRID	Citation Reference
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46724202 Fickle, J. (2005) NUP 10B 04 - Product Chemistry Volume III: Preliminary Analysis, Certified Limits, and Enforcement Analytical Methods. Project Number: RTP/05/018/REG, HPLC/002. Unpublished study prepared by Nufarm Americas, Inc. 26 p.

47583801 Pace, S.; Volgas, G.; Hayes, A. (2007) Product Analysis Data According to the OPPTS Test Guidelines, Series 830, as Established in 40 CFR, Part 158, for End Use Product: HM-0548. Project Number: HM/0548, S00013268. Unpublished study prepared by Helena Chemical Co. 37 p.

48012501 Brookman, D. (2010) ECOPLUG: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.

48165001 Brookman, D. (2010) EcoPlug: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.

48441101 Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.

48771201 Tillman, A. (2011) Product Identity and Composition, Description of Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 77.7 WDG. Project Number: GS/201101. Unpublished study prepared by Glysortia, LLC. 50p.

48771301 Tillman, A. (2011) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 88.8 WDG. Project Number: GS/201102. Unpublished study prepared by Glysortia, LLC. 45p.

49177901 Miller, J. (2013) Sunphosate 75SG: Product Identity and Composition. Project Number: CMX/SUN75/830. Unpublished study prepared by Biologic, Inc. 53p.

49277901 Haage, G. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 33% AM Plus. Unpublished study prepared by Glysortia, LLC. 45p.

830.1800      Enforcement analytical method

MRID	Citation Reference
46724202	Fickle, J. (2005) NUP 10B 04 - Product Chemistry Volume III: Preliminary Analysis, Certified Limits, and Enforcement Analytical Methods. Project Number: RTP/05/018/REG, HPLC/002. Unpublished study prepared by Nufarm Americas, Inc. 26 p.
47583801	Pace, S.; Volgas, G.; Hayes, A. (2007) Product Analysis Data According to the OPPTS Test Guidelines, Series 830, as Established in 40 CFR, Part 158, for End Use Product: HM-0548. Project Number: HM/0548, S00013268. Unpublished study prepared by Helena Chemical Co. 37 p.
48012501	Brookman, D. (2010) ECOPLUG: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.
48165001	Brookman, D. (2010) EcoPlug: Product Properties - Group A. Unpublished study prepared by Technology Sciences Group, Inc. 41 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48771201	Tillman, A. (2011) Product Identity and Composition, Description of Materials Used, Description of the

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48771301 Tillman, A. (2011) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 88.8 WDG. Project Number: GS/201102. Unpublished study prepared by Glysortia, LLC. 45p.

49177901 Miller, J. (2013) Sunphosate 75SG: Product Identity and Composition. Project Number: CMX/SUN75/830. Unpublished study prepared by Biologic, Inc. 53p.

49277901 Haage, G. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Glysort 33% AM Plus. Unpublished study prepared by Glysortia, LLC. 45p.

830.6302      **Color**

MRID	Citation Reference
46747001	Head, T. (2005) EPA Form 8570-37: Self-Certification Statement for Physical/Chemical Properties: EPA Form 8570-36: Summary of the Physical/Chemical Properties. Unpublished study prepared by Nufarm, Inc. 10 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48441102	Wilfinger, W. (2010) Helosate 75 SG Herbicide: Physico-Chemical Properties of Glyphosate 75.7 DF before and after Accelerated Storage at 54 Degrees Celsius for 2 Weeks (Including: Color, Appearance, Odor, pH, Sieve Tests). Project Number: S10/02160. Unpublished study prepared by Eurofins - GAB GmbH. 41 p.
48771202	Johnson, L. (2011) Glysort 77.7 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/988/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
48771302	Johnson, L. (2011) Glysort 88.8 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/990/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
49173902	Reynolds, M. (2013) GlySupreme 75-WDG - Chemistry Data/Product Properties - Group B. Project Number: MEY/20130909/2. Unpublished study prepared by Harlan Laboratories, Ltd. 44p.
49277902	Leapard, B. (2013) Physical and Chemical Characteristics of Ammonium Salt of Glyphosate 33% w/w SL: Final Report. Project Number: ARC/EX/1293, ARC/EX/1293/004/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12p.

830.6303      **Physical state**

MRID	Citation Reference
46747001	Head, T. (2005) EPA Form 8570-37: Self-Certification Statement for Physical/Chemical Properties: EPA Form 8570-36: Summary of the Physical/Chemical Properties. Unpublished study prepared by Nufarm, Inc. 10 p.

48441101 Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.

48441102 Wilfinger, W. (2010) Helosate 75 SG Herbicide: Physico-Chemical Properties of Glyphosate 75.7 DF before and after Accelerated Storage at 54 Degrees Celsius for 2 Weeks (Including: Color, Appearance, Odor, pH, Sieve Tests). Project Number: S10/02160. Unpublished study prepared by Eurofins - GAB GmbH. 41 p.

48771202 Johnson, L. (2011) Glysort 77.7 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/988/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.

48771302 Johnson, L. (2011) Glysort 88.8 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/990/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.

49277902 Leopard, B. (2013) Physical and Chemical Characteristics of Ammonium Salt of Glyphosate 33% w/w SL: Final Report. Project Number: ARC/EX/1293, ARC/EX/1293/004//P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12p.

830.6304      **Odor**

MRID	Citation Reference
46747001	Head, T. (2005) EPA Form 8570-37: Self-Certification Statement for Physical/Chemical Properties: EPA Form 8570-36: Summary of the Physical/Chemical Properties. Unpublished study prepared by Nufarm, Inc. 10 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48441102	Wilfinger, W. (2010) Helosate 75 SG Herbicide: Physico-Chemical Properties of Glyphosate 75.7 DF before and after Accelerated Storage at 54 Degrees Celsius for 2 Weeks (Including: Color, Appearance, Odor, pH, Sieve Tests). Project Number: S10/02160. Unpublished study prepared by Eurofins - GAB GmbH. 41 p.
48771202	Johnson, L. (2011) Glysort 77.7 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/988/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
48771302	Johnson, L. (2011) Glysort 88.8 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/990/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
49277902	Leopard, B. (2013) Physical and Chemical Characteristics of Ammonium Salt of Glyphosate 33% w/w SL: Final Report. Project Number: ARC/EX/1293, ARC/EX/1293/004//P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12p.

830.6313      **Stability to normal and elevated temperatures, metals, and metal ions**

MRID	Citation Reference
48441102	Wilfinger, W. (2010) Helosate 75 SG Herbicide: Physico-Chemical Properties of Glyphosate 75.7 DF before and after Accelerated Storage at 54 Degrees Celsius for 2 Weeks (Including: Color, Appearance, Odor, pH,



Sieve Tests). Project Number: S10/02160. Unpublished study prepared by Eurofins - GAB GmbH. 41 p.

830.6314      **Oxidizing or reducing action**

MRID	Citation Reference
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48441103	Wilfinger, W. (2010) Helosate 75 SG Herbicide: Oxidation/Reduction: Chemical Incompatability of Glyphosate 75.7 DF. Project Number: S10/02154. Unpublished study prepared by Eurofins - GAB GmbH. 20 p.
48771202	Johnson, L. (2011) Glysort 77.7 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/988/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
48771302	Johnson, L. (2011) Glysort 88.8 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/990/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
49277902	Leapard, B. (2013) Physical and Chemical Characteristics of Ammonium Salt of Glyphosate 33% w/w SL: Final Report. Project Number: ARC/EX/1293, ARC/EX/1293/004//P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12p.

830.6315      **Flammability**

MRID	Citation Reference
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48441104	Wilfinger, W. (2010) Helosate 75 SG Herbicide: Flammability (Solids) of Glyphosate 75.7 DF. Project Number: S10/02155. Unpublished study prepared by Eurofins - GAB GmbH. 16 p.

830.6316      **Explodability**

MRID	Citation Reference
46747001	Head, T. (2005) EPA Form 8570-37: Self-Certification Statement for Physical/Chemical Properties: EPA Form 8570-36: Summary of the Physical/Chemical Properties. Unpublished study prepared by Nufarm, Inc. 10 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48441105	Paulus, J. (2011) Helosate 75 SG Herbicide: Determination of Explosive Properties of Glyphosate 75.7 DF. Project Number: 1009220202G958. Unpublished study prepared by LAUS GmbH. 15 p.

830.6317      **Storage stability**

MRID	Citation Reference
46949901	Wo, C. (2006) NUP 10B 04: Storage Stability and Corrosion Characteristics. Project Number: 17866, P800. Unpublished study prepared by Product Safety Laboratories. 32 p.
47618701	Wo, C. (2007) Storage Stability and Corrosion Characteristics: (HM-0548). Project Number: 19675, HM/0548, 03066/FW/A. Unpublished study prepared by Product Safety Laboratories. 26 p.
48215401	Wo, C. (2007) HM-0548: Storage Stability and Corrosion Characteristics. Project Number: P800, 19675. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48441102	Wilfinger, W. (2010) Helosate 75 SG Herbicide: Physico-Chemical Properties of Glyphosate 75.7 DF before and after Accelerated Storage at 54 Degrees Celsius for 2 Weeks (Including: Color, Appearance, Odor, pH, Sieve Tests). Project Number: S10/02160. Unpublished study prepared by Eurofins - GAB GmbH. 41 p.
48646701	Zehr, P. (2011) Glyphosate 75.7 DG (Helosate 75 SG): Storage Stability and Corrosion Characteristics. Project Number: 29958, P800. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p.
48954801	Miller, R. (2012) Storage Stability and Corrosion Characteristics of Glysort 88.8 WDG: Final Report. Project Number: ARC/EX/991, ARC/EX/991/014/P/1, ARC/OP/MTH/096/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 41p.
48955501	Miller, R. (2012) Storage Stability and Corrosion Characteristics of Glysort 77.7 WDG: Final Report. Project Number: ARC/EX/989, ARC/EX/989/014/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 41p.
49177902	Atwal, S.; Woolley, A. (2011) Glyphosate Ammonium Salt 75.7% SG, Glyphosate Ammonium Salt 75.7% WDG and Glyphosate 680g/kg SG: Determination of Accelerated Storage Stability and Physico-chemical Characteristics. Project Number: 41005099. Unpublished study prepared by Harlan Laboratories, Ltd. 36p.

830.6319      **Miscibility**

MRID	Citation Reference
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.

830.6320      **Corrosion characteristics**

MRID	Citation Reference
46949901	Wo, C. (2006) NUP 10B 04: Storage Stability and Corrosion Characteristics. Project Number: 17866, P800. Unpublished study prepared by Product Safety Laboratories. 32 p.

47618701 Wo, C. (2007) Storage Stability and Corrosion Characteristics: (HM-0548). Project Number: 19675, HM/0548, 03066/FW/A. Unpublished study prepared by Product Safety Laboratories. 26 p.

48215401 Wo, C. (2007) HM-0548: Storage Stability and Corrosion Characteristics. Project Number: P800, 19675. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p.

48441101 Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.

48646701 Zehr, P. (2011) Glyphosate 75.7 DG (Helosate 75 SG): Storage Stability and Corrosion Characteristics. Project Number: 29958, P800. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p.

48954801 Miller, R. (2012) Storage Stability and Corrosion Characteristics of Glysort 88.8 WDG: Final Report. Project Number: ARC/EX/991, ARC/EX/991/014/P/1, ARC/OP/MTH/096/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 41p.

48955501 Miller, R. (2012) Storage Stability and Corrosion Characteristics of Glysort 77.7 WDG: Final Report. Project Number: ARC/EX/989, ARC/EX/989/014/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 41p.

830.7000      pH

MRID	Citation Reference
46747001	Head, T. (2005) EPA Form 8570-37: Self-Certification Statement for Physical/Chemical Properties: EPA Form 8570-36: Summary of the Physical/Chemical Properties. Unpublished study prepared by Nufarm, Inc. 10 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48441102	Wilfinger, W. (2010) Helosate 75 SG Herbicide: Physico-Chemical Properties of Glyphosate 75.7 DF before and after Accelerated Storage at 54 Degrees Celsius for 2 Weeks (Including: Color, Appearance, Odor, pH, Sieve Tests). Project Number: S10/02160. Unpublished study prepared by Eurofins - GAB GmbH. 41 p.
48771202	Johnson, L. (2011) Glysort 77.7 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/988/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
48771302	Johnson, L. (2011) Glysort 88.8 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/990/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
49277902	Leapard, B. (2013) Physical and Chemical Characteristics of Ammonium Salt of Glyphosate 33% w/w SL: Final Report. Project Number: ARC/EX/1293, ARC/EX/1293/004/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12p.

830.7100      Viscosity

MRID	Citation Reference
46747001	Head, T. (2005) EPA Form 8570-37: Self-Certification Statement for Physical/Chemical Properties: EPA

Form 8570-36: Summary of the Physical/Chemical Properties. Unpublished study prepared by Nufarm, Inc. 10 p.

49277902 Leopard, B. (2013) Physical and Chemical Characteristics of Ammonium Salt of Glyphosate 33% w/w SL: Final Report. Project Number: ARC/EX/1293, ARC/EX/1293/004//P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12p.

**830.7300      Density/relative density**

MRID	Citation Reference
46747001	Head, T. (2005) EPA Form 8570-37: Self-Certification Statement for Physical/Chemical Properties: EPA Form 8570-36: Summary of the Physical/Chemical Properties. Unpublished study prepared by Nufarm, Inc. 10 p.
48441101	Volger, B. (2011) Helosate 75 SG Herbicide: Product Identity and Composition (Group A Data), Summary of Physical and Chemical Properties (Group B Data). Project Number: CERES/110316. Unpublished study prepared by Ceres International, LLC. 57 p.
48441106	Wilfinger, W. (2010) Helosate 75 SG Herbicide: Pour and Tap Density of Glyphosate 75.7 DF. Project Number: S10/02157. Unpublished study prepared by Eurofins - GAB GmbH. 16 p.
48771202	Johnson, L. (2011) Glysort 77.7 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/988/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
48771302	Johnson, L. (2011) Glysort 88.8 WDG Product Chemistry Series B: Product Properties: Color, Physical State, Odor, Oxidation/Reduction: Chemical Incompatibility, pH, and Density. Project Number: ARC/EX/990/004/P/2. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.
49277902	Leopard, B. (2013) Physical and Chemical Characteristics of Ammonium Salt of Glyphosate 33% w/w SL: Final Report. Project Number: ARC/EX/1293, ARC/EX/1293/004//P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12p.

**830.7950      Vapor pressure**

MRID	Citation Reference
49173902	Reynolds, M. (2013) GlySupreme 75-WDG - Chemistry Data/Product Properties - Group B. Project Number: MEY/20130909/2. Unpublished study prepared by Harlan Laboratories, Ltd. 44p.

**850.1010      Aquatic invertebrate acute toxicity, test, freshwater daphnids**

MRID	Citation Reference
48016503	Riggle, B. (2010) Data to Support Showdown Freshwater Invertebrate Toxicity. Project Number: BXCS/SHOWDOWN/2010/01NF. Unpublished study prepared by Bi-oxide Crop Science, LLC. 112 p.

**850.1075      Fish acute toxicity test, freshwater and marine**

MRID	Citation Reference
48016501	Hartwell, T. (2008) ShowDown: Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) 96-Hour Acute Toxicity Test: Final Report. Project Number: 12260/08. Unpublished study prepared by Stillmeadow, Inc. 12 p.
48016502	Hartwell, T. (2008) ShowDown: Bluegill Sunfish ( <i>Lepomis macrochirus</i> ) 96-Hour Acute Toxicity Test: Final Report. Project Number: 12261/08. Unpublished study prepared by Stillmeadow, Inc. 12 p.

**870.1100      Acute oral toxicity**

MRID	Citation Reference
46724204	Durando, J. (2005) Acute Oral Toxicity Up and Down Procedure in Rats: NUP 10B 04. Project Number: 17868, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 15 p.
48441107	Lowe, C. (2010) Helosate 75 SG Herbicide: Acute Oral Toxicity Study Up and Down Procedure in Rats. Project Number: 29959, P320/UDP. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.
49177904	Bradshaw, J. (2011) Glyphosate Ammonium Salt 75.7% SG, Glyphosate Ammonium Salt 75.7% WDG and Glyphosate 680g/kg SG: Acute Oral Toxicity in the Rat - Fixed Dose Method. Project Number: 41005093. Unpublished study prepared by Harlan Laboratories, Ltd. 19p.

**870.1200      Acute dermal toxicity**

MRID	Citation Reference
46724205	Durando, J. (2005) Acute Dermal Toxicity Study in Rats - Limit Test: NUP 10B 04. Project Number: 17869, P322. Unpublished study prepared by Product Safety Laboratories. 15 p.
48441108	Lowe, C. (2010) Helosate 75 SG Herbicide: Acute Dermal Toxicity Study in Rats. Project Number: 29960, P322/RAT. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p.
49177905	Bradshaw, J. (2011) Glyphosate Ammonium Salt 75.7% SG, Glyphosate Ammonium Salt 75.7% WDG and Glyphosate 680g/kg SG: Acute Dermal Toxicity (Limit Tst) in the Rat. Project Number: 41005095. Unpublished study prepared by Harlan Laboratories Ltd. 20p.

**870.1300      Acute inhalation toxicity**

MRID	Citation Reference
46724206	Durando, J. (2005) Acute Inhalation Toxicity Study in Rats - Limit Test: NUP 10B 04. Project Number: 17870, P330. Unpublished study prepared by Product Safety Laboratories. 23 p.
48441109	Durando, J. (2011) Helosate 75 SG Herbicide: Acute Inhalation Toxicity Study in the Rat. Project Number: 31157, P330. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28 p.
49177906	Watson, P.; Griffiths, D. (2011) Glyphosate Ammonium Salt 75.7% SG, Glyphosate Ammonium Salt 75.7% WDG and Glyphosate 680g/kg SG: Acute Inhalation Toxicity (Nose Only) Study in the Rat. Project Number: 41005094. Unpublished study prepared by Harlan Laboratories Ltd. 38p.



870.2400      Acute eye irritation

MRID	Citation Reference
46724207	Durando, J. (2005) Primary Eye Irritation Study in Rabbits: NUP 10B 04. Project Number: 17871, P324. Unpublished study prepared by Product Safety Laboratories. 15 p.
48441110	Lowe, C. (2010) Helosate 75 SG Herbicide: Primary Eye Irritation Study in Rabbits. Project Number: 29962, P324. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20 p.
49177907	Bradshaw, J. (2011) Glyphosate Ammonium Salt 75.7% SG, Glyphosate Ammonium Salt 75.7% WDG and Glyphosate 680g/kg SG: Acute Eye Irritation in the Rabbit. Project Number: 41005097. Unpublished study prepared by Harlan Laboratories, Ltd. 20p.

870.2500      Acute dermal irritation

MRID	Citation Reference
46724208	Durando, J. (2005) Primary Skin Irritation Study in Rabbits: NUP 10B 04. Project Number: 17872, P326. Unpublished study prepared by Product Safety Laboratories. 16 p.
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